

F I G. 1

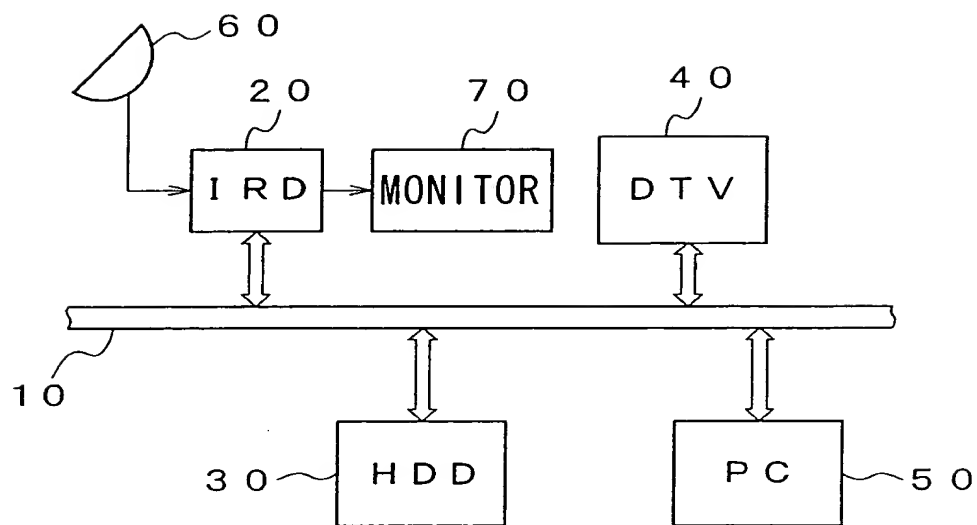


FIG. 2

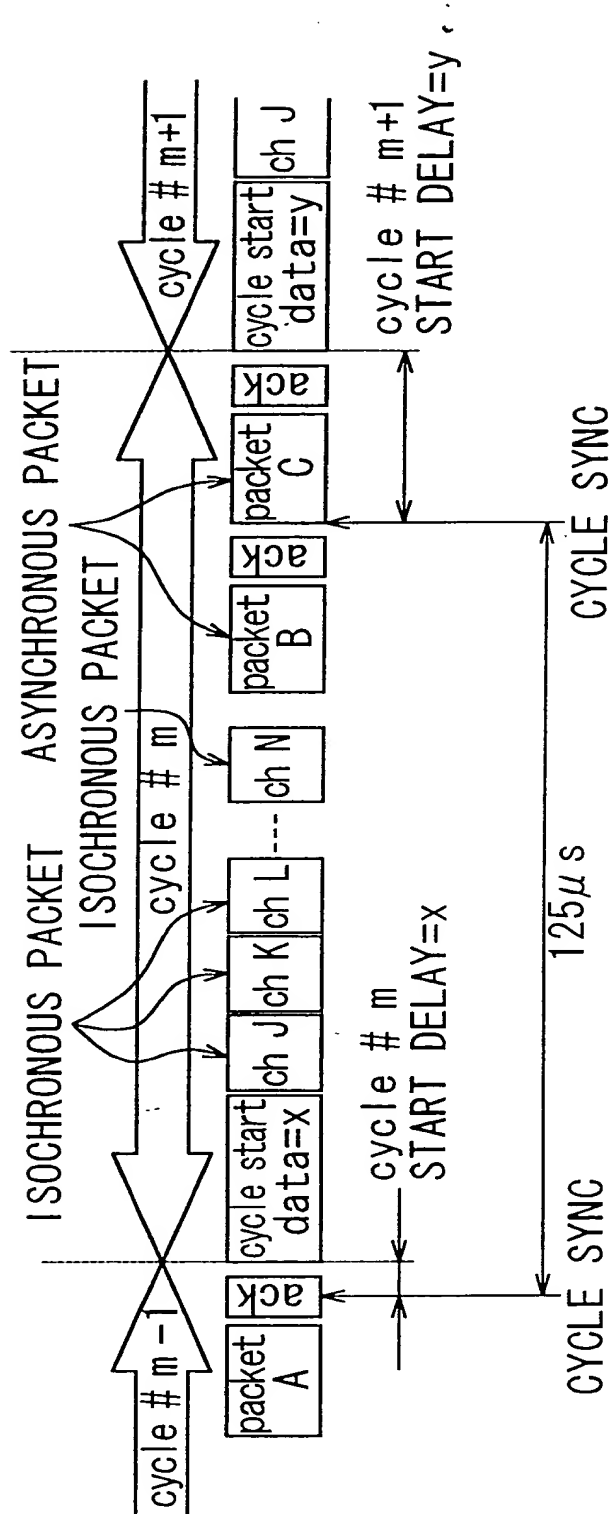


FIG. 3

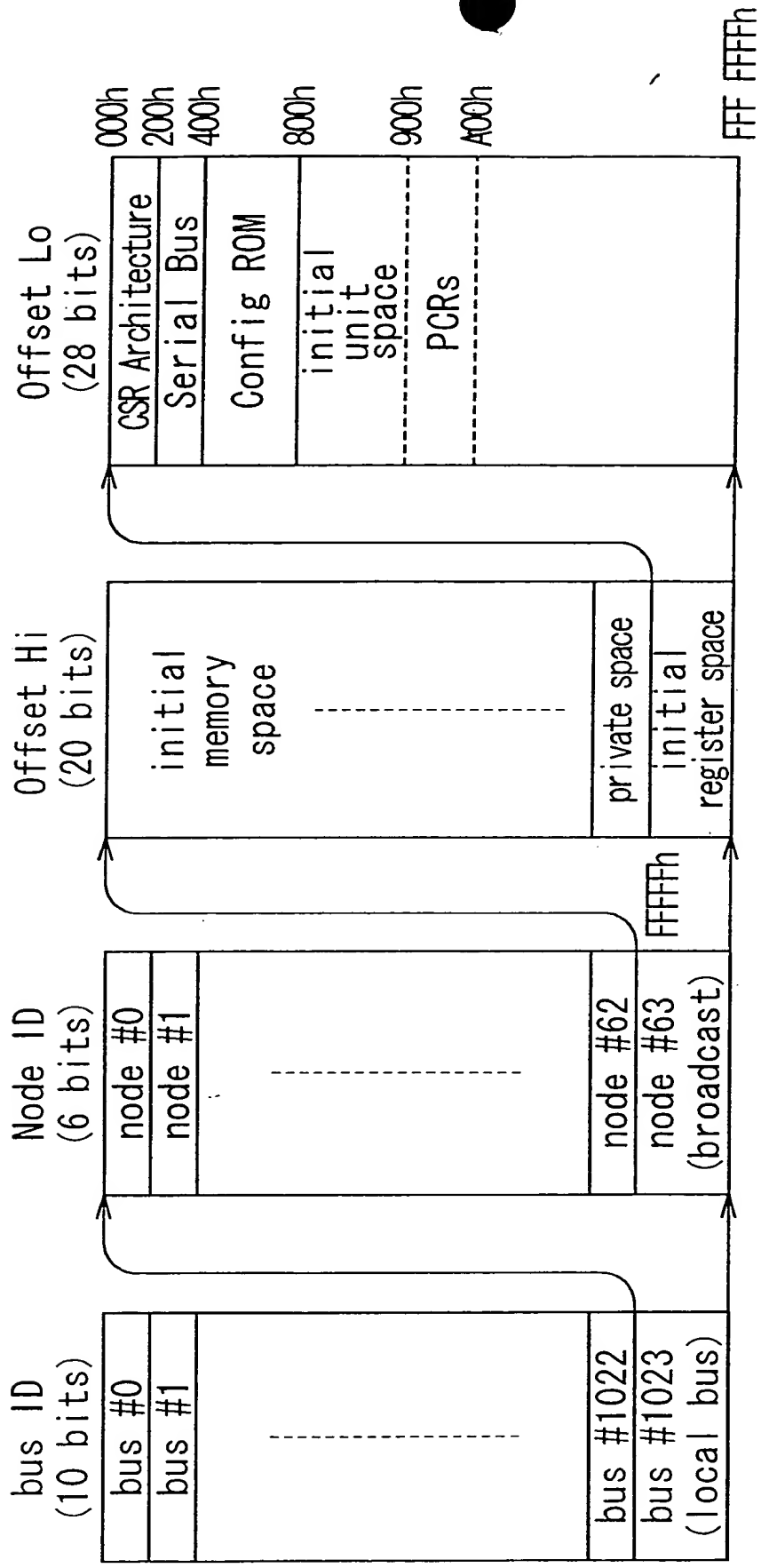


FIG. 4

OFFSETS	NAMES	FUNCTIONS
000h	STATE_CLEAR	STATE AND CONTROL INFORMATION
004h	STATE_SET	SET STATE_CLEAR BIT
008h	NODE_IDs	INDICATE 16-BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	PRESCRIBE MAXIMUM TIME OF SPLIT
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	PRESCRIBE LIMIT OF RETRY
21Ch	BUS_MANAGER	INDICATE BUS MANAGER ID
220h	BANDWIDTH_AVAILABLE	INDICATE BANDWIDTH THAT CAN BE ASSIGNED TO ISOCRONOUS COMMUNICATION
224h-228h	CHANNELS_AVAILABLE	INDICATE USED STATE OF EACH CHANNEL

FIG. 5

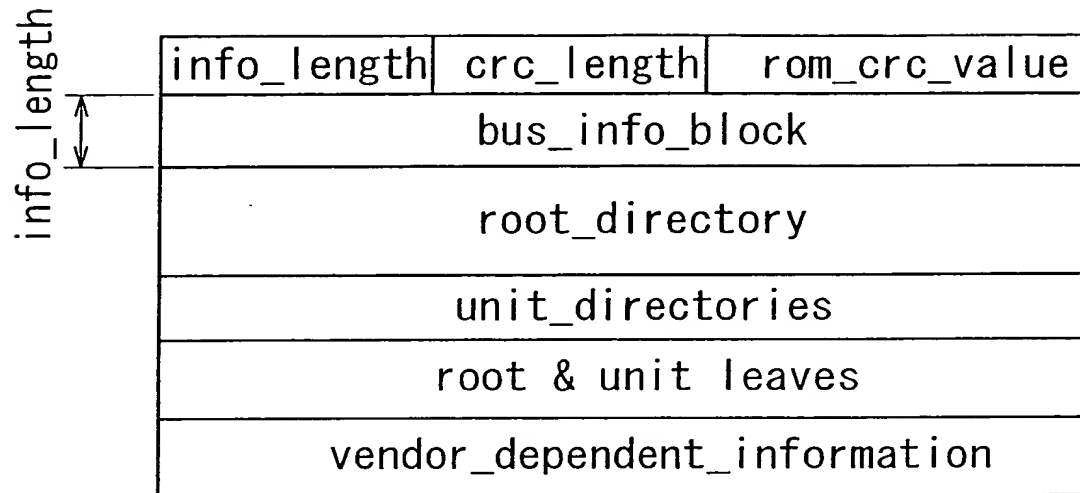


FIG. 6

400h	04h	crc_length	rom_crc_value
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Bus_info_block

404h	"1394"							
408h	img	img	img	img	reserved	cyc_clk_acc	max_rec	reserved
40Ch	Company_ I D							Chip_ I D_hi
410h	Chip_ I D_lo							

Root_directory

414h	root_length		CRC
418h	03h	module_vendor_id	
41Ch	0Ch	node_capabilities	
420h	8Dh	node_unique_id offset	
424h	D1h	unit_directory_offset	
428h			
⋮	≈	Optional.	

Unit_directory

unit_directory_length		CRC
12h	unit_spec_id	
13h	unit_sw_version	
		Optional.

FIG. 7

900h	Output Master Plug Register
904h	Output Plug Control Register #0
908h	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

00000000 00000000 00000000 00000000

FIG. 8

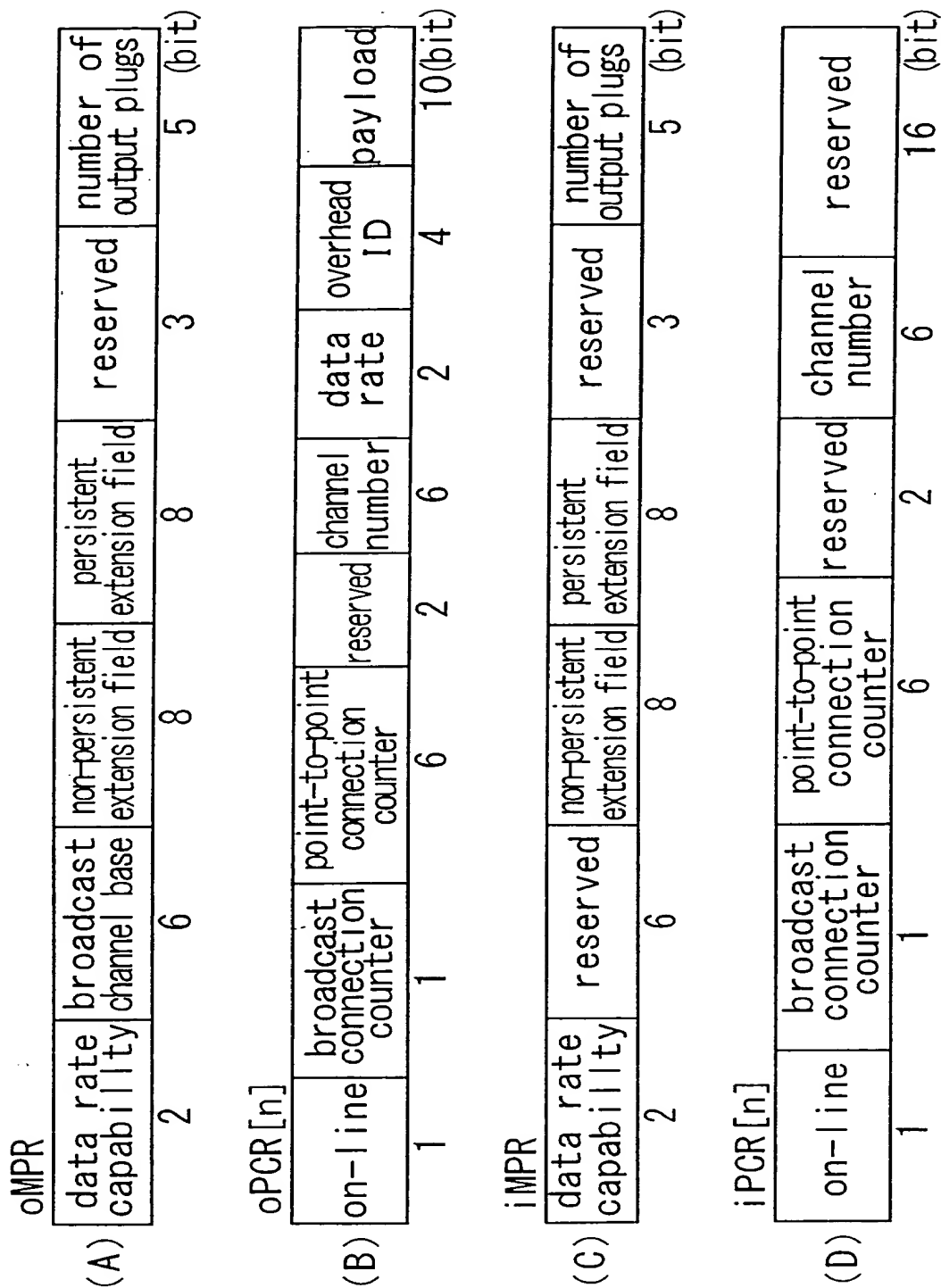


FIG. 10

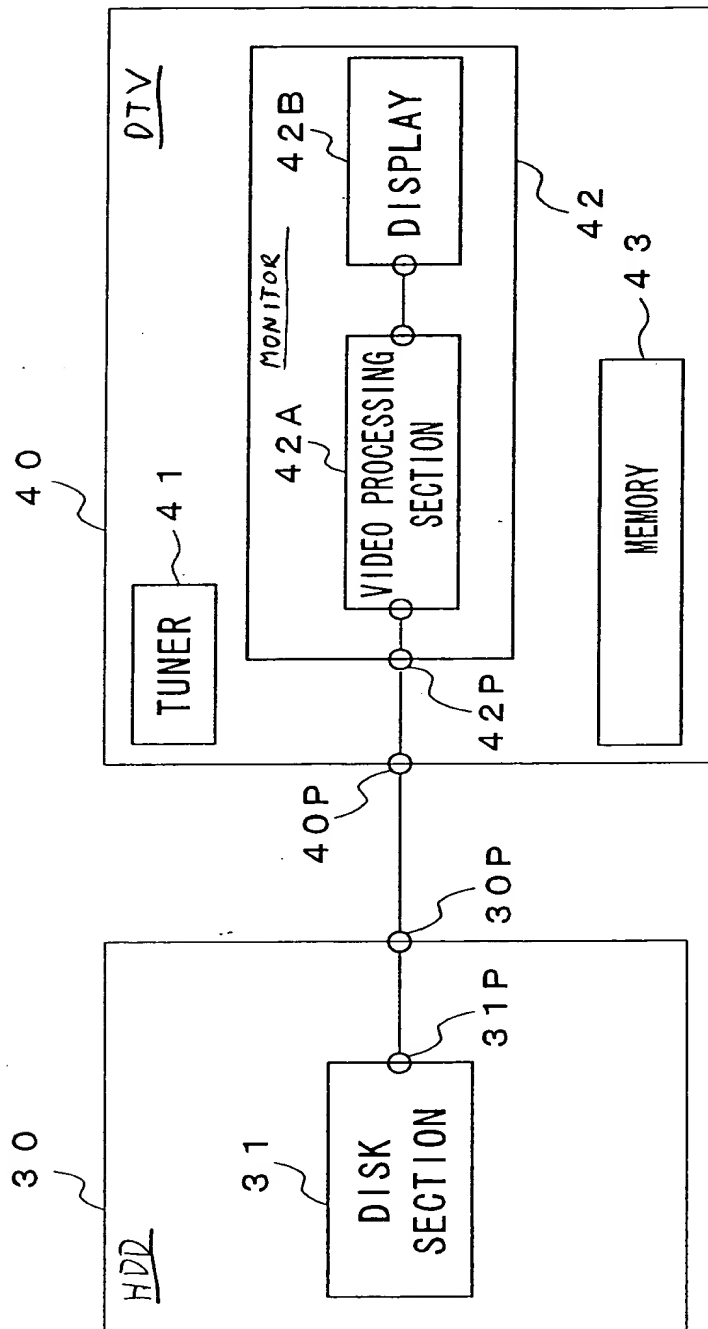
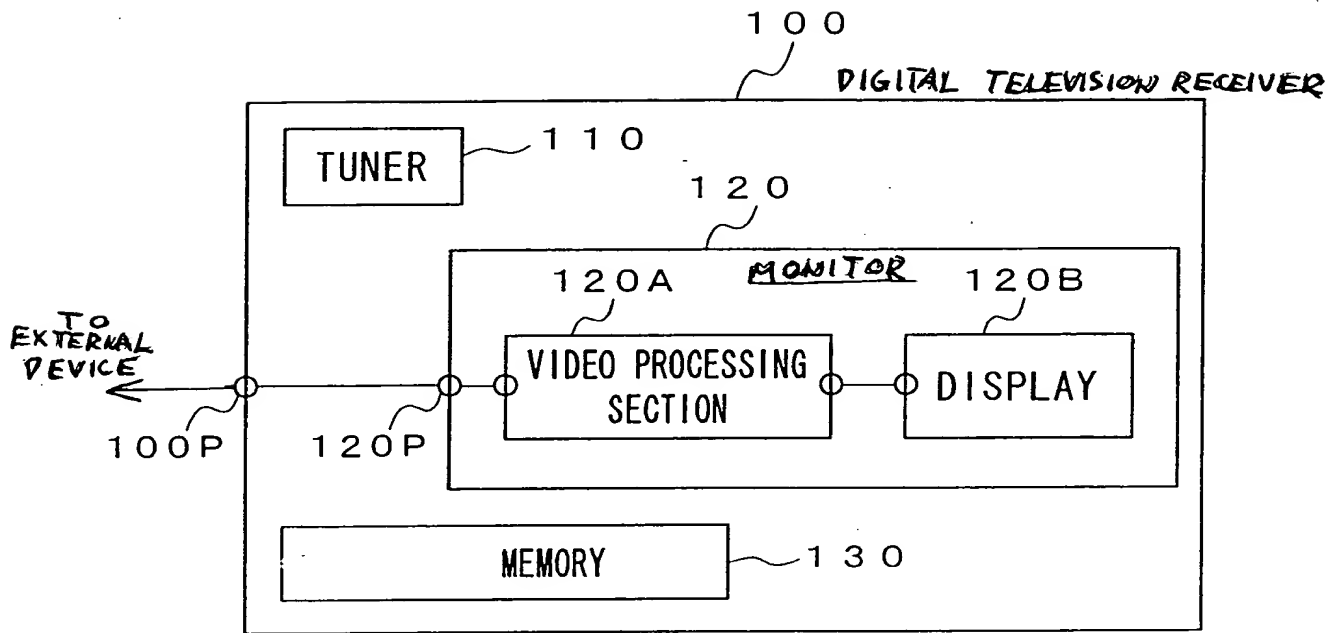


FIG. 12

Monitor Subunit dependent information	
Address offset	Contents
0000 ₁₆	Subunit_dependent_length=33bytes.
0001 ₁₆	
	Datastructure_type=Monitor subunit dependent information
	Audio_subunit_version=FF(hex)
	Monitor_subunit_version=10(hex)
	Number_of_configuration_dependent_information=1
	Configuration_dependent_length=26bytes
	Datastructure_type=Configuration_Information
	Config_ID=1
	Master_cluster_information
	Number_of_source_plug=0
	number_of_fb_dependent_information=2
	fb_dependent_length=10bytes
	Datastructure_type=FB_dependent_information
	fb_type=video_feature
	fb_ID=1
	fb_name=FF
	number_of_destination_plug=1
	Source_ID(1)=subunit destination plug 1
	cluster_information=same as up stream
	fb_dependent_length=10bytes
	Datastructure_type=FB_dependent_information
	fb_type=display
	fb_ID=2
	fb_name=FF
	number_of_destination_plug=1
	Source_ID(1)=fb_type; video feature, fb_ID:1
	cluster_information=none

00000000 00000000 00000000 00000000

FIG. 13 (RELATED ART)



006160-021990

FIG. 14 (RELATED ART)

Monitor	Subunit dependent information
Address offset	Contents
0000 16	Subunit_dependent_length=25bytes
0001 16	
	Datastructure_type=Monitor subunit dependent information
	Audio_subunit_version=FF(hex)
	Monitor_subunit_version=10(hex)
	Number_of_configuration_dependent_information=1
	Configuration_dependent_length=19bytes
	Datastructure_type=Configuration_Information
	Config_ID=1
	Master_cluster_information
	Number_of_source_plug=0
	Number_of_fb_dependent_information=1
	fb_dependent_length=10bytes
	Datastructure_type=FB_dependent_information
	fb_type=video_feature
	fb_ID=1
	fb_name=FF
	Number_of_destination_plug=1
	Source_ID(1)=subunit destination plug 1
	cluster_information=same as up stream